



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 5

Test Date: March 2009  
Code: 12311619  
SAU: MSAD 37  
School: Harrington Elementary School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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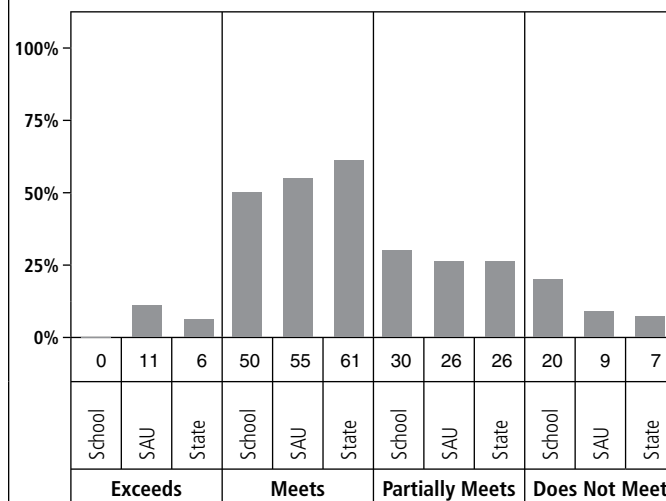
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

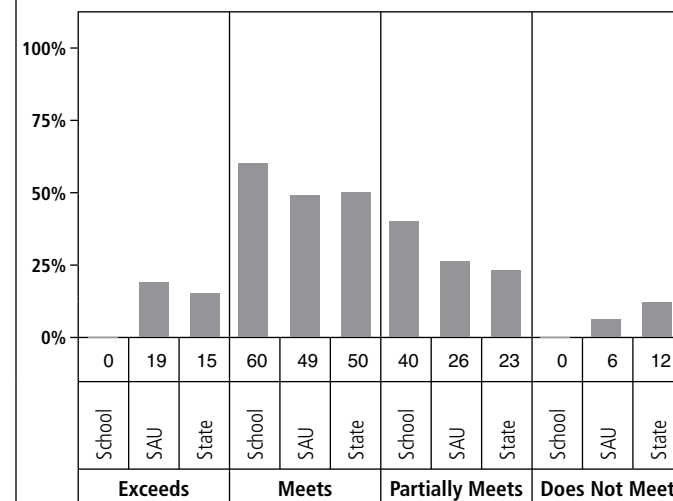
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	543	546	544
2007–2008	545	546	545
<b>2008–2009</b>	<b>542</b>	<b>547</b>	<b>546</b>
Cum. Avg.*	544	546	545
<b>Mathematics</b>			
2006–2007	548	551	546
2007–2008	546	544	546
<b>2008–2009</b>	<b>547</b>	<b>549</b>	<b>547</b>
Cum. Avg.*	547	548	546
<b>Science</b>			
<b>2008–2009 **</b>	<b>542</b>	<b>548</b>	<b>543</b>

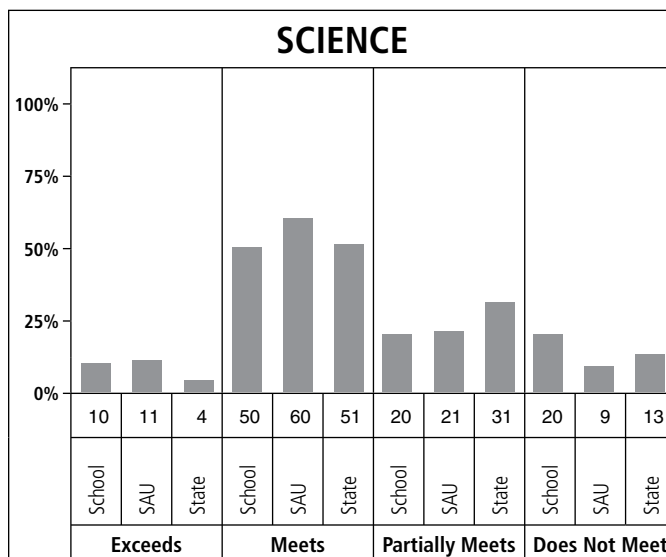
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\*Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	10	100	47	100	14212	100	10	100	47	100	14135	100	10	100	47	100	14144	100	10	100	47	100	14137	100
<b>Ethnicity</b> African American/Black	0	0	0	0	397	3	0	0	0	0	388	98	0	0	0	0	393	99	0	0	0	0	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	0	0	0	0	259	2	0	0	0	0	253	98	0	0	0	0	258	100	0	0	0	0	257	99
Hispanic	0	0	2	4	175	1	0	0	2	100	172	99	0	0	2	100	172	99	0	0	2	100	173	99
Caucasian/White	10	100	45	96	13271	93	10	100	45	100	13212	100	10	100	45	100	13211	100	10	100	45	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	3	30	7	15	2479	17	3	100	7	100	2454	100	3	100	7	100	2455	100	3	100	7	100	2451	99
<b>Current LEP</b>	0	0	2	4	374	3	0	0	2	100	359	96	0	0	2	100	370	99	0	0	2	100	366	98
<b>Economically disadvantaged</b>	4	40	27	57	5848	41	4	100	27	100	5815	100	4	100	27	100	5819	100	4	100	27	100	5812	100
<b>Migrant</b>	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	10	100	41	87	10849	76	10	100	41	87	10872	76	10	100	41	87	10976	77
Identified disability (PET/IEP)	3	30	3	7	298	3	3	30	3	7	307	3	3	30	3	7	338	3
LEP	0	0	2	5	170	2	0	0	2	5	169	2	0	0	2	5	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
<b>Participation with accommodations</b>	0	0	6	13	3122	22	0	0	6	13	3124	22	0	0	6	13	3019	21
Identified disability (PET/IEP)	0	0	4	67	1992	64	0	0	4	67	2000	64	0	0	4	67	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	0	0	2	33	907	29	0	0	2	33	886	28	0	0	2	33	826	27
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
<b>Non-participation – other</b>	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	4	7	702	5
	2007-2008	1	5	4	6	659	5
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>11</b>	<b>836</b>	<b>6</b>
	Cum. Total*	1	2	13	8	2197	5
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	6	50	29	54	7730	55
	2007-2008	13	65	40	61	8195	58
	<b>2008-2009</b>	<b>5</b>	<b>50</b>	<b>26</b>	<b>55</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	24	57	95	57	24420	58
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	5	42	16	30	4182	30
	2007-2008	6	30	20	30	3800	27
	<b>2008-2009</b>	<b>3</b>	<b>30</b>	<b>12</b>	<b>26</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	14	33	48	29	11649	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	1	8	5	9	1419	10
	2007-2008	0	0	2	3	1362	10
	<b>2008-2009</b>	<b>2</b>	<b>20</b>	<b>4</b>	<b>9</b>	<b>973</b>	<b>7</b>
	Cum. Total*	3	7	11	7	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	27.4	57.1	31.2	65.0	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	13.4	55.8	15.4	64.2	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	14.0	58.3	15.7	65.4	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 37  
 School: Harrington Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	10	0	0	5	50	3	30	2	20	542	47	11	55	26	9	547	13971	6	61	26	7	546
<b>Ethnicity</b>																						
African American/Black	0										0						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	0										0						252	11	58	21	11	547
Hispanic	0										2						166	4	54	32	10	543
Caucasian/White	10	0	0	5	50	3	30	2	20	542	45	9	58	27	7	547	13062	6	62	26	6	546
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	3										7	0	29	43	29	539	2290	0	29	47	23	537
No	7	0	0	3	43	3	43	1	14	540	40	13	60	23	5	548	11681	7	67	22	4	548
<b>Current LEP</b>																						
Yes	0										2						354	1	35	34	30	538
No	10	0	0	5	50	3	30	2	20	542	45	9	58	27	7	547	13617	6	61	26	6	546
<b>Economically disadvantaged</b>																						
Yes	4										27	11	56	30	4	548	5716	2	51	35	12	542
No	6	0	0	3	50	1	17	2	33	539	20	10	55	20	15	545	8255	9	67	20	4	548
<b>Migrant</b>																						
Yes	0										0						8	0	38	25	38	538
No	10	0	0	5	50	3	30	2	20	542	47	11	55	26	9	547	13963	6	61	26	7	546
<b>Gender</b>																						
Female	3										23	17	48	26	9	547	6882	8	62	24	6	547
Male	7	0	0	5	71	1	14	1	14	546	24	4	63	25	8	547	7089	4	60	28	8	545
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	4										19	0	53	37	11	542	1914	1	41	44	14	540
No	6	0	0	5	83	1	17	0	0	549	28	18	57	18	7	550	12057	7	64	23	6	547
<b>Gifted/talented program</b>																						
Yes	0										0						450	26	72	2	0	557
No	10	0	0	5	50	3	30	2	20	542	47	11	55	26	9	547	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	20	0	0	1	50	0	0	1	50	538	13	0	67	17	17	545	4	2	40	34	24	540
B. less than one hour	40	0	0	2	50	2	50	0	0	544	52	17	63	21	0	550	70	6	63	26	6	546
C. one to two hours	40	0	0	2	50	1	25	1	25	541	30	7	50	36	7	545	24	7	61	26	6	546
D. more than two hours	0										4	0	0	50	50	535	2	4	42	33	21	541
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	20	0	0	2	100	0	0	0	0	550	20	0	56	33	11	544	36	10	67	18	5	549
B. good	60	0	0	3	50	3	50	0	0	543	65	13	63	23	0	550	47	5	62	27	6	546
C. fair	20	0	0	0	0	0	0	2	100	528	15	14	29	29	29	541	15	2	47	40	12	541
D. poor	0										0						2	0	30	46	24	537
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	10	0	0	1	100	0	0	0	0	556	22	30	70	0	0	557	31	9	65	20	5	548
B. They match some of what I have learned.	80	0	0	3	38	3	38	2	25	539	64	3	52	38	7	544	55	5	63	27	5	546
C. They match just a little of what I have learned.	10	0	0	1	100	0	0	0	0	550	11	20	40	20	20	546	10	3	45	38	14	542
D. There is no match.	0										2	0	100	0	0	546	3	1	31	41	27	537
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	20	0	0	1	50	1	50	0	0	541	20	11	33	44	11	544	16	3	49	32	15	542
B. about the same as my regular schoolwork	40	0	0	1	25	2	50	1	25	538	51	9	65	22	4	547	64	7	63	25	5	547
C. easier than my regular schoolwork	40	0	0	3	75	0	0	1	25	546	29	15	62	15	8	550	20	5	62	26	7	546
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	10	0	0	1	100	0	0	0	0	550	18	13	63	25	0	551	10	1	33	42	24	538
B. Most of the passages were about the same as what I normally read.	50	0	0	1	20	2	40	2	40	536	49	5	59	27	9	545	52	4	61	29	6	545
C. Most of the passages were easier than what I normally read.	40	0	0	3	75	1	25	0	0	547	33	20	53	27	0	551	38	10	68	18	4	549
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	30	0	0	2	67	1	33	0	0	544	28	23	69	8	0	552	20	10	64	21	5	548
B. 20 minutes to an hour	20	0	0	1	50	0	0	1	50	542	20	11	44	22	22	546	56	7	65	24	5	547
C. less than 20 minutes	10	0	0	0	0	1	100	0	0	540	11	0	40	60	0	544	10	3	52	33	12	543
D. I rarely read at home.	40	0	0	2	50	1	25	1	25	540	41	5	58	32	5	546	14	1	46	38	14	541
<b>How many pages do you read in school and to complete homework assignments?</b>																						
A. five or fewer pages	20	0	0	1	50	0	0	1	50	540	20	0	56	33	11	542	25	3	53	33	11	543
B. six to ten pages	50	0	0	2	40	3	60	0	0	541	52	21	50	25	4	550	26	6	61	26	7	546
C. eleven or more pages	30	0	0	2	67	0	0	1	33	544	28	0	69	23	8	547	49	8	65	23	5	547
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										100	0	0	0	100	530						
C.	0										0											
D.	0										0											

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	0	0	10	19	1711	12
	2007-2008	2	10	3	5	1617	12
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>19</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	2	5	22	13	5447	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	10	83	34	63	6778	48
	2007-2008	10	50	36	55	7284	52
	<b>2008-2009</b>	<b>6</b>	<b>60</b>	<b>23</b>	<b>49</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	26	62	93	56	21108	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	2	17	8	15	3884	28
	2007-2008	8	40	21	32	3341	24
	<b>2008-2009</b>	<b>4</b>	<b>40</b>	<b>12</b>	<b>26</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	14	33	41	25	10418	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	0	0	2	4	1683	12
	2007-2008	0	0	6	9	1778	13
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	0	0	11	7	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	25.4	52.9	27.0	56.3	25.5	53.1
<b>A. Number</b>	<b>18</b>	<b>38</b>	10.2	56.7	10.4	57.8	9.8	54.4
<b>B. Data</b>	<b>10</b>	<b>21</b>	4.5	45.0	5.3	53.0	5.2	52.0
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	4.7	47.0	5.3	53.0	4.7	47.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	6.0	60.0	6.1	61.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 37  
 School: Harrington Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	10	0	0	6	60	4	40	0	0	547	47	19	49	26	6	549	13996	15	50	23	12	547
<b>Ethnicity</b>																						
African American/Black	0										0						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	0										0						257	19	50	20	12	548
Hispanic	0										2						166	9	43	31	17	543
Caucasian/White	10	0	0	6	60	4	40	0	0	547	45	20	49	24	7	549	13078	15	51	23	11	547
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	3										7	0	14	57	29	537	2307	3	32	32	33	536
No	7	0	0	5	71	2	29	0	0	548	40	23	55	20	3	552	11689	17	54	21	8	549
<b>Current LEP</b>																						
Yes	0										2						365	5	33	30	32	536
No	10	0	0	6	60	4	40	0	0	547	45	20	49	24	7	549	13631	15	51	23	11	547
<b>Economically disadvantaged</b>																						
Yes	4										27	19	56	19	7	550	5731	7	46	29	18	542
No	6	0	0	3	50	3	50	0	0	545	20	20	40	35	5	548	8265	21	53	19	7	550
<b>Migrant</b>																						
Yes	0										0						8	0	38	50	13	540
No	10	0	0	6	60	4	40	0	0	547	47	19	49	26	6	549	13988	15	50	23	12	547
<b>Gender</b>																						
Female	3										23	22	48	26	4	550	6889	14	51	23	12	546
Male	7	0	0	5	71	2	29	0	0	548	24	17	50	25	8	549	7107	16	50	23	11	547
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	4										19	0	53	42	5	543	1918	3	39	36	22	539
No	6	0	0	5	83	1	17	0	0	550	28	32	46	14	7	554	12078	17	52	21	10	548
<b>Gifted/talented program</b>																						
Yes	0										0						450	64	34	2	0	564
No	10	0	0	6	60	4	40	0	0	547	47	19	49	26	6	549	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	20	0	0	1	50	1	50	0	0	542	13	33	33	17	17	549	4	8	38	26	28	539
B. less than one hour	40	0	0	3	75	1	25	0	0	552	52	25	54	17	4	553	70	15	52	23	10	547
C. one to two hours	40	0	0	2	50	2	50	0	0	544	30	7	57	36	0	546	24	15	51	23	11	547
D. more than two hours	0										4	0	0	50	50	532	2	9	37	24	30	539
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	20	0	0	2	100	0	0	0	0	556	26	17	75	0	8	552	34	28	50	14	8	552
B. good	60	0	0	4	67	2	33	0	0	546	57	27	46	27	0	552	45	11	54	24	10	546
C. fair	20	0	0	0	0	2	100	0	0	540	17	0	25	50	25	538	18	3	45	33	19	540
D. poor	0										0						3	1	29	41	29	535
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	30	0	0	2	67	1	33	0	0	545	48	27	59	14	0	555	38	22	52	19	7	550
B. They match some of what I have learned.	50	0	0	4	80	1	20	0	0	551	46	14	48	24	14	546	48	12	53	24	11	546
C. They match just a little of what I have learned.	20	0	0	0	0	2	100	0	0	537	4	0	0	100	0	537	11	6	40	30	24	540
D. There is no match.	0										2	0	0	100	0	532	3	6	26	29	38	534
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	10	0	0	0	0	1	100	0	0	540	7	33	0	67	0	546	17	7	42	30	21	540
B. about the same as my regular schoolwork	80	0	0	6	75	2	25	0	0	548	70	19	53	25	3	550	64	15	53	23	10	547
C. easier than my regular schoolwork	10	0	0	0	0	1	100	0	0	540	24	18	55	9	18	548	19	24	49	17	10	550
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	0										2	0	100	0	0	548	7	6	39	27	27	539
B. 30–45 minutes	80	0	0	4	50	4	50	0	0	546	57	23	42	31	4	550	28	9	49	28	15	544
C. 45–60 minutes	10	0	0	1	100	0	0	0	0	546	17	13	50	25	13	546	41	17	53	21	9	548
D. more than 60 minutes	10	0	0	1	100	0	0	0	0	550	24	18	64	9	9	552	24	21	51	20	8	549
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										2	0	0	0	100	526	6	14	43	24	20	543
B. two or three days a week	0										11	0	80	20	0	548	24	17	52	21	10	548
C. two or three times each month	20	0	0	0	0	2	100	0	0	540	15	29	43	29	0	551	33	17	52	21	9	548
D. never or almost never	80	0	0	6	75	2	25	0	0	548	72	21	48	24	6	550	38	12	49	25	14	545
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	20	0	0	1	50	1	50	0	0	547	9	0	75	25	0	552	23	13	47	26	15	545
B. two or three days a week	0										13	0	83	0	17	547	31	17	52	21	10	548
C. two or three times each month	70	0	0	4	57	3	43	0	0	546	30	0	57	43	0	546	27	17	52	21	10	548
D. never or almost never	10	0	0	1	100	0	0	0	0	550	48	41	32	18	9	552	20	12	50	24	14	545
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										100	0	0	0	100	526						
C.	0										0											
D.	0										0											

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	1	10	5	11	626	4
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	5	50	28	60	7187	51
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	2	20	10	21	4364	31
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	2	20	4	9	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	48	100	28.4	59.2	32.0	66.7	29.2	60.8
<b>D. The Physical Setting</b>	24	50	11.8	49.2	13.9	57.9	12.9	53.8
<b>E. The Living Environment</b>	24	50	16.6	69.2	18.1	75.4	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 5  
 SAU: MSAD 37  
 School: Harrington Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	10	1	10	5	50	2	20	2	20	542	47	11	60	21	9	548	13995	4	51	31	13	543
<b>Ethnicity</b>																						
African American/Black	0										0						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	0										0						256	5	51	27	17	542
Hispanic	0										2						167	1	40	37	22	539
Caucasian/White	10	1	10	5	50	2	20	2	20	542	45	11	60	22	7	549	13080	5	52	31	12	544
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	3										7	14	43	29	14	544	2309	2	29	39	29	536
No	7	0	0	4	57	2	29	1	14	541	40	10	63	20	8	549	11686	5	56	30	10	545
<b>Current LEP</b>																						
Yes	0										2						361	1	23	32	44	533
No	10	1	10	5	50	2	20	2	20	542	45	11	60	22	7	549	13634	5	52	31	12	544
<b>Economically disadvantaged</b>																						
Yes	4										27	7	67	22	4	549	5729	2	42	37	20	539
No	6	0	0	3	50	1	17	2	33	538	20	15	50	20	15	548	8266	6	58	27	8	546
<b>Migrant</b>																						
Yes	0										0						8	0	25	13	63	530
No	10	1	10	5	50	2	20	2	20	542	47	11	60	21	9	548	13987	4	51	31	13	543
<b>Gender</b>																						
Female	3										23	13	43	35	9	547	6886	4	49	33	14	542
Male	7	1	14	5	71	0	0	1	14	547	24	8	75	8	8	550	7109	5	54	29	12	544
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	4										19	0	47	37	16	542	1917	1	31	41	28	536
No	6	1	17	5	83	0	0	0	0	552	28	18	68	11	4	553	12078	5	55	30	11	544
<b>Gifted/talented program</b>																						
Yes	0										0						450	25	72	2	1	557
No	10	1	10	5	50	2	20	2	20	542	47	11	60	21	9	548	13545	4	51	32	13	543

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 5  
SAU: MSAD 37  
School: Harrington Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	20	0	0	1	50	0	0	1	50	535	13	17	67	0	17	551	4	2	37	35	25	538
B. less than one hour	40	1	25	2	50	1	25	0	0	548	52	13	63	21	4	550	70	4	53	31	12	544
C. one to two hours	40	0	0	2	50	1	25	1	25	541	30	7	57	29	7	548	24	5	51	31	12	544
D. more than two hours	0										4	0	50	50	0	543	2	4	39	31	26	539
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	30	1	33	0	0	2	67	0	0	544	33	20	60	13	7	551	26	7	56	26	11	545
B. good	50	0	0	5	100	0	0	0	0	549	61	7	68	25	0	550	53	4	53	31	11	544
C. fair	20	0	0	0	0	0	0	2	100	523	7	0	0	33	67	528	18	2	41	39	17	540
D. poor	0										0						3	1	33	36	30	536
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	50	1	20	2	40	1	20	1	20	545	35	19	56	19	6	552	23	5	56	28	11	544
B. They match some of what I have learned.	50	0	0	3	60	1	20	1	20	540	54	8	60	24	8	547	48	5	52	31	12	544
C. They match just a little of what I have learned.	0										11	0	80	20	0	550	23	4	49	33	14	543
D. There is no match.	0										0						6	3	40	34	23	539
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	30	0	0	1	33	0	0	2	67	530	22	10	40	30	20	544	23	5	48	31	16	543
B. about the same as my regular schoolwork	70	1	14	4	57	2	29	0	0	548	64	14	62	21	3	550	58	4	52	32	12	543
C. easier than my regular schoolwork	0										13	0	100	0	0	553	19	6	53	29	11	544
<b>How often do you have science classes?</b>																						
A. every day	0										24	18	55	18	9	550	33	5	51	31	14	543
B. a few times a week	70	1	14	5	71	1	14	0	0	549	63	10	72	17	0	552	45	4	52	32	11	544
C. once a week	20	0	0	0	0	1	50	1	50	527	4	0	0	50	50	527	8	4	50	30	16	542
D. a few times a month	10	0	0	0	0	0	0	1	100	524	9	0	25	50	25	538	15	4	52	30	14	543
<b>Which statement best describes how you learn science?</b>																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	30	0	0	2	67	0	0	1	33	541	50	9	70	13	9	550	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	50	0	0	2	40	2	40	1	20	536	17	0	38	50	13	540	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	10	1	100	0	0	0	0	0	0	564	24	27	45	27	0	555	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	10	0	0	1	100	0	0	0	0	554	9	0	100	0	0	550	21	6	58	27	10	545
<b>How often do you make observations and collect data in science class?</b>																						
A. a few times a week	40	0	0	2	50	1	25	1	25	540	33	13	47	27	13	546	47	4	51	32	12	543
B. a few times a month	20	0	0	1	50	0	0	1	50	534	24	9	64	18	9	550	27	5	54	30	11	544
C. once a month	10	0	0	1	100	0	0	0	0	554	9	0	75	25	0	551	10	5	49	30	15	543
D. never or almost never	30	1	33	1	33	1	33	0	0	548	33	13	73	13	0	552	15	3	48	32	16	542
<b>How often do you use observations and data to support your idea about science?</b>																						
A. a few times a week	40	0	0	2	50	1	25	1	25	540	42	11	53	26	11	547	46	4	52	32	12	543
B. a few times a month	30	0	0	2	67	1	33	0	0	541	18	13	63	25	0	550	28	5	53	30	12	544
C. once a month	10	0	0	1	100	0	0	0	0	554	11	0	80	20	0	554	11	4	47	34	15	542
D. never or almost never	20	1	50	0	0	0	0	1	50	544	29	15	69	8	8	551	15	4	50	30	16	542
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										100	0	0	100	0	534						
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number